

### ABSTRACT OF THE DISCLOSURE

5           A method of evaluating for the presence of a polypeptide in an analyte, using  
an addressable array of capture agents linked to a substrate. The analyte is exposed to  
the array and a set of fixed capture agents, such that the target molecules will bind to  
the array by means of the capture agents. After the target molecule has bound to the  
capture agents, it is modified using a label. The label does not interact or mark the  
10 capture agent. Kits using such arrays are further provided.

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